

Mathcamp 2025 Week 5 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday
9:30–10:20	JR 101	Assembly (Council Chamber)	Entropy 🍷🍷🍷 (<i>Milan Haiman</i>)		
	JR 102		Into the Quantum World of Computers 🍷 (Sam)		
	JR 103		Continued Fractions 🍷🍷 (Susan)	Mathematics of LessWrong 🍷🍷🍷 (Nikita)	
	JR 132		Elliptic Functions 🍷🍷🍷 (Mark)		
	JR 135		Factoring Huge Integers 🍷🍷🍷 (<i>David Roe</i>)	Mathematics of Modern Music 🍷🍷 (Michael R)	Intro to Algebraic Topology Hex 🍷🍷 (Michael I)
10:30–11:20	JR 101	Entropy	Tensor Products and the Dehn Invariant 🍷🍷 (<i>Preston Bushnell</i>)		
	JR 102	Quantum Computers	Random Graphs and Various Properties Thereof 🍷🍷🍷 (Lucas)		
	JR 103	Continued Fractions	[HR] What Math Teachers are Taught 🍷 (Riley)		
	JR 132	Elliptic Functions	Riemann Zeta Function 🍷🍷🍷 (Mark)		
	JR 135	Factoring Huge Integers	Hyperbolic Hyperbolic Geometry 🍷🍷 (Arya)		
11:30–12:20	JR 135	How to Prove Something is NP-complete 🍷 (Della)		Hard Hat Puzzles 🍷🍷🍷 (Della)	Will it Flatten? 🍷🍷 (Della)
	JR 101	Einstein's Theory of Relativity 3: Black Holes 🍷🍷🍷 (Laithy)			
	JR 132	n^{n-2} More Proofs of the Cayley Tree Theorem 🍷🍷 (Zach)		Computability Theory 🍷🍷🍷 (Amelia & Spencer)	The Sound of Proof 🍷 (Eric)
	JR 103	This Class 🍷🍷🍷🍷 (Steve)			
	JR 102	Unicorns and Poland 🍷🍷 (The JCs)			Susan Teaches Ben's Class 🍷 (Susan)
12:20–1:20	Fowler	Lunch: Hydrate or Diedrate 🍷🍷🍷🍷 (Purple)			
1:30–2:20	JR 102	How to Teach 🍷 (<i>Ari Nieh</i>)			
	JR 101	The Universe is Kind of Lazy 🍷🍷🍷 (Kaia)			
	JR 132	A Taste of the Snark 🍷🍷🍷 (Antonio)		Infinite Ramsey Theory 🍷🍷🍷 (Susan)	
	JR 135	Extending a Knot Invariant 🍷🍷 (Audrey)			Everything is the Cantor Set 🍷🍷🍷🍷 (Eli G)
	JR 103	How We Solved an Open Problem Posed by Knuth 🍷🍷🍷 (Purple)			
2:30–3:20	JR 135	[HR] This Makes No Sense 🍷 (Laithy and Linsey)		Statistical Oddities 🍷 (<i>Jane Wang</i>)	The Mathcamp Final Exam
	JR 132	Cyclotomic Polynomials 🍷🍷🍷 (Mark)	Communication Complexity 🍷🍷 (Nikita)	Infinite Field Trip 🍷🍷🍷 (Eric)	
	JR 102	Markov Processes 🍷🍷🍷🍷 (Nikita)	Outro to Group Theory 🍷🍷🍷 (Narmada)		
	JR 103	Space-Filling Curves 🍷🍷 (Charloutte)			
	JR 101	Monads, Categories and Structure of Programming 🍷 (Glenn)		Summation by Parts on the Battlefield 🍷🍷🍷 (Zach)	
3:20–4:20	Quad ²	TAU			
4:30–5:20	Council Chamber	Future of Mathcamp (Staff)	Everything is Illuminated (<i>Jane Wang</i>)	More TAU (Everyone)	Project Fair (Everyone)
5:30–7:00	Fowler	Dinner			

Key: [HR]—Homework Required